

UL IQ™ for Plastics - Microsoft Internet Explorer

Address: http://iq.ul.com/iq/newiq/List.aspx?ULID=218226

Component - Plastics E103380

SABIC INNOVATIVE PLASTICS B V
SHEET & FILM PRODUCTS - EUROPE, PLASTICSLAAN 1, BERGEN OP ZOOM 4612 PX NL

F2000
Polycarbonate (PC), "Lexan", furnished as sheets


Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
CL, WT	2.0	V-2	-	-	80	80	80
	3.0	V-0	-	-	80	80	80
	6.0	V-0	-	-	80	80	80
BZ	6.0	V-0, 5VA	-	-	80	80	80
GY, CL	6.0	5VA	-	-	80	80	80

Comparative Tracking Index (CTI): -
High-Voltage Arc Tracking Rate (HVRT): -
Dielectric Strength (kV/mm): -

Dimensional Stability (%): -
High Volt, Low Current Arc Resis (D495): -
Volume Resistivity (10⁸ ohm-cm): -

NOTE - Material designations may be suffixed by any combination of letters and/or numbers.
ANSI/UL 94 small-scale test data does not pertain to building materials, furnishings and related contents. ANSI/UL 94 small-scale test data is intended solely for determining the flammability of plastic materials used in the components and parts of end-product devices and appliances, where the acceptability of the combination is determined by UL.

Report Date: 1986-06-06
Last Revised: 2003-10-24

Underwriters Laboratories Inc® 

IEC and ISO Test Methods

Test Name	Test Method	Units	Thickness Tested (mm)	Value
Flammability	IEC 60695-11-10, IEC 60695-11-20	Class (color)	2.0	V-2 (CL, WT)
			3.0	V-0 (CL, WT)
			6.0	V-0 (CL, WT)
			6.0	V-0, 5VA (BZ)
			6.0	5VA (GY, CL)
Glow-Wire Flammability (GWFI)	IEC 60695-2-12	C	-	-
Glow-Wire Ignition (GWI)	IEC 60695-2-13	C	-	-

F2000- 透明阻燃

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Address: http://iq.ul.com/iq/newiq/List.aspx?ULID=100305096

Component - Plastics E121562

SABIC INNOVATIVE PLASTICS US L L C
AMERICA - RESIN, 1 PLASTICS AVE. PITTSFIELD MA 01201

9600(E)
Polycarbonate (PC), "Lexan", furnished as sheets


Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
CL	0.86	V-2	-	-	80	80	80
	1.5	V-2	3	3	125	110	125
CL, BK	2.3	V-0	-	-	125	110	125
ALL	3.0	V-0	2	3	125	110	125
	6.0	V-0	1	2	125	110	125

Comparative Tracking Index (CTI): -
Dielectric Strength (kV/mm): -
High-Voltage Arc Tracking Rate (HVRT): 4
Dimensional Stability (%): -

Inclined Plane Tracking (IPT): -
Volume Resistivity (10⁸ ohm-cm): -
High Volt, Low Current Arc Resis (D495): -

NOTE - Material designation may be suffixed by a combination of numbers and/or letters except the number 16.
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Report Date: 1976-01-07
Last Revised: 2011-09-23

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IEC and ISO Test Methods

Test Name	Test Method	Units	Thickness Tested (mm)	Value
Flammability	IEC 60695-11-10	Class (color)	0.86	V-2 (CL)
			1.5	V-2 (CL)
			2.3	V-0 (CL, BK)
			3.0	V-0 (ALL)
			6.0	V-0 (ALL)
Glow-Wire Flammability (GWFI)	IEC 60695-2-12	C	-	-
Glow-Wire Ignition (GWI)	IEC 60695-2-13	C	-	-
IEC Comparative Tracking Index	IEC 60112	Voltz (max)	-	-
IEC Ball Pressure	IEC 60695-10-2	C	-	-
ISO Heat Deflection (1.80 MPa)	ISO 75-2	C	-	-
ISO Tensile Strength	ISO 527-2	MPa	-	-
ISO Flexural Strength	ISO 178	MPa	-	-
ISO Tensile Impact	ISO 6384	kJ/m ²	-	-
ISO 1000 Impact	ISO 180	kJ/m ²	-	-
ISO 1000 Charpy	ISO 179-1	kJ/m ²	-	-

9600- 透明阻燃

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http://iq.ul.com/iq/newiq/List.aspx?ULID=101038817

Component - Plastics E45529

SABIC INNOVATIVE PLASTICS B V
EUROPE - RESIN, PLASTICSLAAN 1, BERGEN OP ZOOM 4612 PX NL

F2500
Polycarbonate (PC), "Lexan", furnished as sheets

Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
NC	2.0	V-0	2	1	125	100	125
	4.0	V-0	-	-	125	100	125
GY	2.0	V-0	-	-	125	100	125
	3.0	V-0	-	-	125	100	125

Comparative Tracking Index (CTI): -
Dielectric Strength (kV/mm): -
High-Voltage Arc Tracking Rate (HVTR): -
Dimensional Stability (%): -

noted Plane Tracking (PT): -
Volume Resistivity (10⁹ ohm-cm): -
High Volt, Low Current Arc Resis (D495): -

NOTE - Material designation may be followed by a color nomenclature consisting of either an alphanumeric or a numerals-alpha combination.
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IEC and ISO Test Methods

Test Name	Test Method	Units	Thickness Tested (mm)	Value
Flammability	IEC 60695-11-10	Class (color)	2.0	V-4 (NC)
			4.0	V-4 (NC)
			2.0	V-4 (GY)
			3.0	V-4 (GY)
Glow-Wire Flammability (GWFI)	IEC 60695-2-12	C	2.0	960
Glow-Wire Ignition (GWIT)	IEC 60695-2-13	C	-	-
IEC Comparative Tracking Index	IEC 60112	Volts (Max)	3.0	CT300
IEC Ball Pressure	IEC 60695-10-2	C	-	-
ISO Heat Deflection (1.80 MPa)	ISO 75-2	C	-	-
ISO Tensile Strength	ISO 527-2	MPa	-	-
ISO Flexural Strength	ISO 178	MPa	-	-
ISO Tensile Impact	ISO 2286	kJ/m ²	-	-
ISO Izod Impact	ISO 180	kJ/m ²	-	-
ISO Charpy Impact	ISO 179-2	kJ/m ²	-	-

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F2500 - 透明阻燃 Eco

UL IQ™ for Plastics - Microsoft Internet Explorer

http://iq.ul.com/iq/newiq/List.aspx?ULID=218227

Component - Plastics E103380

SABIC INNOVATIVE PLASTICS B V
SHEET & FILM PRODUCTS - EUROPE, PLASTICSLAAN 1, BERGEN OP ZOOM 4612 PX NL

F600(A)
Polycarbonate (PC), "Lexan", furnished as sheets

Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
GY	1.0	V-2	-	-	80	80	80
	1.3	V-0	-	-	80	80	80
(A)	1.5	V-0	3	3	125	110	125
	2.3	V-0	-	-	125	110	125
	3.0	V-0	2	3	125	110	125
	6.0	V-0	1	2	125	110	125

Comparative Tracking Index (CTI): 2
High-Voltage Arc Tracking Rate (HVTR): 4
Dielectric Strength (kV/mm): 30

Dimensional Stability (%): 0
High Volt, Low Current Arc Resis (D495): 4
Volume Resistivity (10⁹ ohm-cm): 15

(A) - All colors except clear

NOTE - Material designations may be suffixed by any combination of letters and/or numbers.
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Report Date: 1986-06-05
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IEC and ISO Test Methods

Test Name	Test Method	Units	Thickness Tested (mm)	Value
Flammability	IEC 60695-11-10	Class (color)	1.0	V-2 (GY)
			1.3	V-0 (GY)
			1.5	V-0 ((A))
			2.3	V-0 ((A))
			3.0	V-0 ((A))

F6000 - 不透明阻燃板材

UL IQ™ for Plastics - Microsoft Internet Explorer

Address: <http://iq.ul.com/iq/newiq/List.aspx?ULID=100161658>

Component - Plastics E103380

SABIC INNOVATIVE PLASTICS B V
 SHEET & FILM PRODUCTS - EUROPE, PLASTICSLAAN 1, BERGEN OP ZOOM 4612 PX NL

MR5FR
 Polycarbonate (PC), "Lexan", furnished as sheets

Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
NC	3.0	V-0	-	-	80	80	80
	6.0	V-0,5VB	-	-	80	80	80


Comparative Tracking Index (CTI) : -
 High-Voltage Arc Tracking Rate (HVRT): -
 Dielectric Strength (kV/mm): -

Dimensional Stability (%): -
 High Volt, Low Current Arc Resis (D495) : -
 Volume Resistivity (10⁸ ohm-cm) : -

NOTE - Material designations may be suffixed by any combination of letters and/or numbers.

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 Last Revised: 2008-12-08

Underwriters Laboratories Inc® 

IEC and ISO Test Methods

Test Name	Test Method	Units	Thickness Tested (mm)	Value
Flammability	IEC 60695-11-10, IEC 60695-11-20	Class (color)	3.0	V-0 (IC)
			6.0	V-0,5VB (IC)
Glow-Wire Flammability (GWFI)	IEC 60695-2-12	C	-	-
Glow-Wire Ignition (GWTI)	IEC 60695-2-13	C	-	-
IEC Comparative Tracking Index	IEC 60112	Volts (Max)	-	-
IEC Ball Pressure	IEC 60695-10-2	C	-	-
ISO Heat Deflection (1.80 MPa)	ISO 75-2	C	-	-
ISO Tensile Strength	ISO 527-2	MPa	-	-
ISO Flexural Strength	ISO 178	MPa	-	-
ISO Tensile Impact	ISO 8256	kJ/m ²	-	-

MR5FR – 透明阻燃高耐磨 PC 板